

Claims

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Claim 21 (Original) A method for the controlled processing of classified file types wherein a first file of a first classified file type is processed into a second file of a second classified file type by a plurality of users with access to a route directed workflow system in a computer network comprising the steps of:

dividing the process into a first classified file type attachment step, a first classified file type download step, a step that processes a first classified file type into a second classified file type, a second classified file type attachment step, and a second classified file type download step;

producing a route with a route step that specifies attachment of a first classified file type by a first user, followed by a route step that specifies the download of a first classified file type by a second user, followed by a route step that specifies the attachment of a second classified file type by the second user, followed by a route step that specifies the download of a second classified file type by a third user;

executing the route in a workflow system directed by the route such that the workflow system in response to a route step presents to the user a screen with means to attach or download a classified file type;

such that the first user attaches a first file of the first classified file type; the second user downloads the first file, processes the first file into a second file of the second classified file type, and attaches the second file; and the third user downloads the second file.

Claim 22 (Original) The method of claim 21, wherein the file attachment can attach files with a parent-child relationship.

Claim 23 (Original) The method of claim 21, wherein a third file can have the same file name as a fourth file and the files are distinguishable.

Claim 24 (Original) The method of claim 21, wherein the route has a loop and the files in each iteration of the loop are distinguishable.

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Claim 25 (Original) The method of claim 21, wherein the route provides a conditional branch capability at a route step and the user at the route step indicates the branch choice for the next route step,

Claim 26 (Original) The method of claim 21, wherein the screen at a route step provides a means to download a file based on the file classification.

Claim 27 (Original) The method of claim 21, wherein the file download can download files in a parent-child relationship.

Claim 28 (Original) A classified file workflow system comprising:
a classified file manager connected to a network, capable of accessing a route, a sequence of user addresses in the computer network each with a file classification and a file upload or download indicator; and capable of accessing a file storage system, comprising:

means for receiving a request from a user address and based on the file upload or download indicator, uploads or downloads a file with the file classification into the file system

means for comparing the request with the route

means for determining the next user address, file classification, and file upload or download based on the compare means

means for sending a request for a classified file upload or download to the next user address in the route based on the determining means.

Claim 29 (Original) The classified file workflow system of claim 28, wherein the files can be attached in a parent-child relationship.

Claim 30 (Original) The classified file workflow system of claim 28, wherein the files can be downloaded in a parent-child relationship.

Claim 31 (Original) The classified file workflow system of claim 28, wherein a third file and a fourth file with the same name are distinguishable.

Claim 32 (Original) The classified file workflow system of claim 28, wherein the route has a loop and the files in each iteration of the loop are distinguishable.

Claim 33 (Original) The classified file workflow system of claim 28, wherein the route provides a conditional branch at a route step and the user indicates the branch choice for the next step in the route.

Claim 34 (Original) The classified file workflow system of claim 28, wherein the route provides a fork branch at a route step such that two parallel sub-routes are started.

Claim 35 (Original) The classified file workflow system of claim 28, wherein the screen at a route step provides a means to download a file based on its classification.

Claim 36 (Original) A classified file workflow screen for a classified workflow system comprising
a classified file workflow manager connected to a network, capable of accessing a route, a sequence of user addresses in the computer network each with a file classification and a file upload or download indicator; and capable of accessing a file storage system comprising:
means to determine the next user address in the route, file classification, and file upload or download

wherein the classified file workflow screen provides at the next user address the file classification and means for file upload or download.

Claim 37 (Original) The classified file workflow screen of claim 36, wherein the classified file workflow screen provides means to upload files with a parent-child relationship.

Claim 38 (Original) The classified file workflow screen of claim 36, wherein the classified file workflow screen provides means to download files with a parent-child relationship.

Claim 39 (Original) The classified file workflow screen of claim 36, wherein the classified file workflow screen provides at a route step with a conditional branch means for the user to indicate the branch choice for the next route step.

Claim 40 (Original) The classified file workflow screen of claim 36, wherein the classified file workflow screen provides means to distinguish files with the same file name.